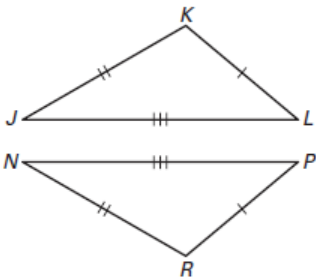


TARGETS 4F & 4G

Name _____ Date _____

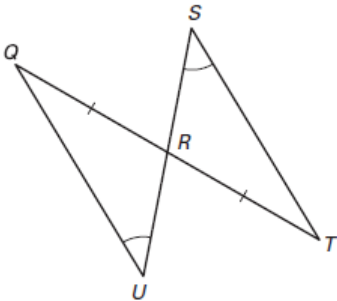
Complete the proof using the following information

- 1) **Given:** $\overline{KL} \cong \overline{RP}$, $\overline{JK} \cong \overline{NR}$, $\overline{JL} \cong \overline{NP}$
Prove: $\angle J \cong \angle N$



<u>Statements</u>	<u>Reasons</u>
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

- 2) **Given:** $\angle U \cong \angle S$, $\overline{QR} \cong \overline{TR}$
Prove: $\overline{ST} \cong \overline{QU}$



<u>Statements</u>	<u>Reasons</u>
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

TARGET F & G ANSWERS

1)

<u>Statements</u>	<u>Reasons</u>
1. $\overline{KL} \cong \overline{RP}$	1. Given
2. $\overline{JK} \cong \overline{NR}$	2. Given
3. $\overline{JL} \cong \overline{NP}$	3. Given
4. $\triangle JKL \cong \triangle NRP$	4. SSS
5. $\angle J \cong \angle N$	5. CPCTC

<u>Statements</u>	<u>Reasons</u>
1. $\angle U \cong \angle S$	1. Given
2. $\overline{QR} \cong \overline{TR}$	2. Given
3. $\angle QRU \cong \angle TRS$	3. Vertical angles are congruent
4. $\triangle QRU \cong \triangle TRS$	4. SAS
5. $\overline{ST} \cong \overline{QU}$	5. CPCTC